

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 2

DATED 1/05/2006

Control	1059-01-034
Project	STP 2006(207)
Highway	FM 1173
County	DENTON

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum by entering the date, which appears at the top of this letter on the Addendum Acknowledgement Form, contained in your bid proposal.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

04/99

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: STP 2006(207)

CONTROL: 1059-01-034

COUNTY: DENTON

LETTING: 01/10/2006

REFERENCE NO: 0103

PROPOSAL ADDENDUMS

X PROPOSAL COVER

X BID INSERTS (SH. NO.: 1-6 THROUGH 6-6)

X GENERAL NOTES (SH. NO.: B, G AND I)

X SPEC LIST (SH. NO.: 1-3 AND 2-3)

— SPECIAL PROVISIONS:

ADDED:

DELETED:

— SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: PLAN SHEETS 2, 4-6, 7, 7C, 7D, 8, 8A, 9-11, 23, 24, 52, 53, 55,
69, 70A, 97, 103, 104, 107, 115, 117A

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

PROPOSAL COVER:

CHANGED THE NUMBER OF WORKING DAYS FROM 82 TO 110.

BID INSERTS:

SHEET 1-6: ADDED ITEMS 150-2001, 192-2012, 192-2016, 192-2023
AND 192-2028. REVISED QUANTITIES FOR ITEMS 340-2011 AND
340-2064.

SHEET 2-6: REVISED QUANTITIES FOR ITEM 340-2234.

SHEET 3-6: REMOVED ITEM 466-2049 AND ADDED ITEM 466-2050.

SHEET 4-6: ADDED ITEM 540-2011.

SHEET 5-6: REVISED QUANTITY FOR ITEMS 644-2001, 666-2104 AND
666-2110. REMOVED ITEMS 666-2010 AND 666-2046. ADDED ITEMS
666-2011 AND 666-2047.

DESCRIPTION OF ABOVE CHANGES

(CONTINUED)

(INCLUDING PLANS SHEET CHANGES)

SHEET 6-6: REVISED QUANTITIES FOR ITEMS 666-2176, 666-2178 AND 672-2010.

*****NOTE: SHEET 7 ADDED DUE TO ITEMS SHIFTING FROM SEVERAL OF THE ABOVE ADDITIONS.

GENERAL NOTES:

SHEET B (PLAN SHEET 7): REVISED DESCRIPTION FOR ITEM 132 IN TABLE 1. REVISED QUANTITIES FOR ALL 340 ITEMS IN TABLE 2.

SHEET G (PLAN SHEET 7C): REMOVED FIRST PARAGRAPH UNDER ITEM 427.

SHEET I (PLAN SHEET 7D): REMOVED ALL NOTES FOR ITEM 5010.

SPEC LIST:

SHEET 1-3: ADDED STANDARD SPECIFICATION ITEMS 150 AND 192. ITEMS SHIFTED DUE TO THESE ADDITIONS.

SHEET 2-3: REMOVED REFERENCE ITEM 5010 FROM STANDARD SPECIFICATION ITEM 502.

PLAN SHEETS:

SHEET 2 (INDEX OF SHEETS): ADDED PLAN SHEETS 70A HYDRAULIC DATA SHEET AND 117A PLANTING SHEET. REVISED PLAN SHEET 107 TO BE OMITTED.

SHEET 4: REPLACED.

SHEET 5: REVISED DIMENSIONS AND STATIONS FOR PROPOSED TYPICAL HALF-SECTION AND ADDED NOTE.

SHEET 6: REVISED STATIONS FOR PROPOSED TYPICAL HALF-SECTION-FILL AND PROPOSED TYPICAL HALF-SECTION-CUT.

SHEET 8: ADDED ITEMS 150-2001, 192-2012, 192-2016, 192-2023, 192-2028, 466-2050 AND 540-2011. ITEMS SHIFTED DUE TO THESE ADDITIONS. REVISED QUANTITIES FOR ITEMS 340-2011, 340-2064, 340-2234 AND 644-2001. REMOVED ITEM 466-2049.

SHEET 8A: REVISED QUANTITIES FOR ITEMS 666-2104, 666-2110, 666-2176, 666-2178 AND 672-2010. REMOVED ITEMS 666-2010 AND 666-2046. ADDED ITEMS 666-2011 AND 666-2047.

SHEET 9: REVISED DESCRIPTION FOR ITEM 466 AND ADDED MITIGATION SUMMARY.

SHEET 10: ADDED ITEMS 150 BLADING AND 540 MTL BEAM GD FEN TRAN

(THRIE-BEAM). REVISED QUANTITIES FOR ALL 340 ITEMS.
DESCRIPTION OF ABOVE CHANGES (CONTINUED)
(INCLUDING PLANS SHEET CHANGES)

SHEET 11: REVISED THICKNESS IN DESCRIPTION FOR ITEM 666 FROM (060MIL)
TO (090MIL). REVISED QUANTITIES FOR ITEMS 666 (Y)(4")(SLD), 666
(Y)(4")(BRK), AND 672 (REFL) TY 1-A.

SHEET 23: REVISED LEGEND AND CALL-OUT AT BEGIN PROJECT.

SHEET 24: REVISED LEGEND AND CALL-OUT AT END PROJECT.

SHEET 52: ADDED DRIVEWAY PROFILE.

SHEET 53: REVISED CALL-OUT STATION AT END MBGF.

SHEET 55: REVISED UPSTREAM AND DOWNSTREAM FLOW LINE ELEVATIONS.

SHEET 69: REVISED C ESTIMATED CURB HEIGHT AND Hw HEIGHT OF WINGWALL.

SHEET 70A: ADDED.

SHEET 97: REVISED SUMMARY OF SMALL SIGNS.

SHEET 103: REVISED TOTAL FOR ITEM 644-2001.

SHEET 104: REPLACED.

SHEET 107: OMITTED.

SHEET 115: REPLACED.

SHEET 117A: ADDED.

Control	1059-01-034
Project	STP 2006(207)
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PROPOSAL TO THE TEXAS TRANSPORTATION COMMISSION

2004 SPECIFICATIONS

WORK CONSISTING OF IMPROVE HORIZ ALIGNMENT/REPLACE BRIDGE DENTON COUNTY, TEXAS

The quantities in the proposal are approximate. The quantities of work and materials may be increased or decreased as considered necessary to complete the work as planned and contemplated.

This project is to be completed in 110 working days and will be accepted when fully completed and finished to the satisfaction of the Executive Director or designee.

Provide a proposal guaranty in the form of a Cashier's Check, Teller's Check (including an Official Check) or Bank Money Order on a State or National Bank or Savings and Loan Association, or State or Federally chartered Credit Union made payable to the Texas Transportation Commission in the following amount:

TWENTY-THREE THOUSAND (Dollars) (**\$23,000**)

A bid bond may be used as the required proposal guaranty. The bond form may be detached from the proposal for completion. The proposal may not be disassembled to remove the bond form. The bond must be in accordance with Item 2 of the specifications.

Any addenda issued amending this proposal and/or the plans that have been acknowledged by the bidder, become part of this proposal.

By signing the proposal the bidder certifies:

1. the only persons or parties interested in this proposal are those named and the bidder has not directly or indirectly participated in collusion, entered into an agreement or otherwise taken any action in restraint of free competitive bidding in connection with the above captioned project.
2. in the event of the award of a contract, the organization represented will secure bonds for the full amount of the contract.
3. the signatory represents and warrants that they are an authorized signatory for the organization for which the bid is submitted and they have full and complete authority to submit this bid on behalf of their firm.
4. that the certifications and representations contained in the proposal are true and accurate and the bidder intends the proposal to be taken as a genuine government record.

• **Signed: ****

(1) _____ (2) _____ (3) _____

Print Name:

(1) _____ (2) _____ (3) _____

Title:

(1) _____ (2) _____ (3) _____

Company:

(1) _____ (2) _____ (3) _____

- Signatures to comply with Item 2 of the specifications.

**Note: Complete (1) for single venture, through (2) for joint venture and through (3) for triple venture.

* When the working days field contains an asterisk (*) refer to the Special Provisions and General Notes.

NOTICE TO CONTRACTORS

ANY CONTRACTORS INTENDING TO BID ON ANY WORK TO BE AWARDED BY THIS DEPARTMENT MUST SUBMIT A SATISFACTORY “AUDITED FINANCIAL STATEMENT” AND “EXPERIENCE QUESTIONNAIRE” AT LEAST TEN DAYS PRIOR TO THE LETTING DATE.

UNIT PRICES MUST BE SUBMITTED IN ACCORDANCE WITH ITEM 2 OF THE STANDARD SPECIFICATIONS OR SPECIAL PROVISION TO ITEM 2 FOR EACH ITEM LISTED IN THIS PROPOSAL.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	100	2002		PREPARING ROW DOLLARS and CENTS	STA	27.000	1
	106	2001		OBLITERATING ABANDONED ROAD DOLLARS and CENTS	STA	10.000	2
	110	2001		EXCAVATION (ROADWAY) DOLLARS and CENTS	CY	3,073.000	3
	110	2002		EXCAVATION (CHANNEL) DOLLARS and CENTS	CY	500.000	4
	132	2005		EMBANKMENT (FINAL)(ORD COMP)(TY C) DOLLARS and CENTS	CY	19,781.000	5
	150	2001		BLADING DOLLARS and CENTS	STA	21.000	6
	161	2002		COMPOST MANUF TOPSOIL (BOS) (4") DOLLARS and CENTS	SY	21,000.000	7
	162	2002		BLOCK SODDING DOLLARS and CENTS	SY	21,000.000	8
	168	2001		VEGETATIVE WATERING DOLLARS and CENTS	MG	1,042.000	9
	169	2001		SOIL RETENTION BLANKETS (CL 1) (TY A) DOLLARS and CENTS	SY	1,070.000	10
	192	2012		MULCH DOLLARS and CENTS	CY	69.000	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	192	2016		PLANT BED PREPARATION DOLLARS and CENTS	SY	3,726.000	12
	192	2023		PLANT MATERIAL (15 GAL) (TREE) DOLLARS and CENTS	EA	21.000	13
	192	2028		PLANT MATERIAL (1 GAL) (SHRUB) DOLLARS and CENTS	EA	40.000	14
	340	2011		D-GR HMA(METH) TY-B PG64-22 DOLLARS and CENTS	TON	5,500.000	15
	340	2064		D-GR HMA(METH) TY-C SAC-B PG76-22 DOLLARS and CENTS	TON	1,450.000	16
	340	2234		D-GR HMA(METH) TY-B PG76-22 DOLLARS and CENTS	TON	1,700.000	17
	351	2004		FLEXIBLE PAVEMENT STRUCTURE REPAIR(8") DOLLARS and CENTS	SY	250.000	18
	403	2001		TEMPORARY SPL SHORING DOLLARS and CENTS	SF	460.000	19
	416	2003	001	DRILL SHAFT (30 IN) DOLLARS and CENTS	LF	296.000	20
	420	2003	003	CL C CONC (ABUT) DOLLARS and CENTS	CY	50.400	21

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	420	2004	003	CL C CONC (BENT) DOLLARS CENTS and	CY	40.400	22
	420	2033	003	CL S CONC (APPR SLAB) DOLLARS CENTS and	CY	101.200	23
	422	2001		REINF CONC SLAB DOLLARS CENTS and	SF	5,520.000	24
	425	2003		PRESTR CONC BEAM (TY C) DOLLARS CENTS and	LF	713.840	25
	428	2001		CONC SURF TREAT (CLASS I) DOLLARS CENTS and	SY	576.000	26
	432	2002		RIPRAP (CONC)(5 IN) DOLLARS CENTS and	CY	66.100	27
	450	2008		RAIL (TY T502) DOLLARS CENTS and	LF	280.000	28
	454	2001		SEALED EXPANSION JOINT (4 IN)(SEJ-A) DOLLARS CENTS and	LF	96.000	29
	462	2008		CONC BOX CULV (5 FT X 4 FT) DOLLARS CENTS and	LF	75.000	30
	464	2005		RC PIPE (CL III)(24 IN) DOLLARS CENTS and	LF	160.000	31
	466	2050		WINGWALL (PW)(HW=6 FT) DOLLARS CENTS and	EA	2.000	32

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	467	2288		SET (TY II)(24 IN)(RCP)(6:1)(P) DOLLARS and CENTS	EA	6.000	33
	496	2007		REMOV STR (PIPE) DOLLARS and CENTS	LF	138.000	34
	496	2010		REMOV STR (BRIDGE 100-499 FT LENGTH) DOLLARS and CENTS	EA	1.000	35
	500	2001		MOBILIZATION DOLLARS and CENTS	LS	1.000	36
	502	2001		BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	6.000	37
	506	2017		CONSTRUCTION EXITS (INSTALL) (TY 2) DOLLARS and CENTS	SY	150.000	38
	506	2019		CONSTRUCTION EXITS (REMOVE) DOLLARS and CENTS	SY	150.000	39
	506	2034		TEMPORARY SEDIMENT CONTROL FENCE DOLLARS and CENTS	LF	5,759.000	40
	506	2042		BIODEGRADABLE EROSION CONTROL LOGS(18") DOLLARS and CENTS	LF	242.000	41
	540	2002		MTL W-BEAM GD FEN (STEEL POST) DOLLARS and CENTS	LF	500.000	42

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	540	2011		MTL BEAM GD FEN TRANS (THRIE-BEAM) DOLLARS and CENTS	EA	4.000	43
	542	2001		REMOVING METAL BEAM GUARD FENCE DOLLARS and CENTS	LF	450.000	44
	544	2003	001	GUARDRAIL END TREATMENT (REMOVE) DOLLARS and CENTS	EA	4.000	45
	544	2013	001	GDRAIL END TRT(INSTALL)(HBA POST) DOLLARS and CENTS	EA	4.000	46
	560	2001		MAILBOX INSTALLATION (SINGLE) DOLLARS and CENTS	EA	1.000	47
	644	2001		INS SM RD SN SUP&AM TY 10BWG(1) SA(P) DOLLARS and CENTS	EA	4.000	48
	658	2261		INSTL DEL ASSM (D-SW)SZ (TYC)GF1(BI) DOLLARS and CENTS	EA	42.000	49
	658	2316		INSTL OM ASSM (OM-2Z)(FLX)GND DOLLARS and CENTS	EA	4.000	50
	662	2004		WK ZN PAV MRK NON-REMOV (W) 4" (SLD) DOLLARS and CENTS	LF	420.000	51
	662	2032		WK ZN PAV MRK NON-REMOV (Y) 4" (SLD) DOLLARS and CENTS	LF	6,686.000	52
	662	2054		WK ZN PAV MRK REMOV (REFL) TY II-A-A DOLLARS and CENTS	EA	169.000	53

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	666	2011		REFL PAV MRK TY I (W) 4" (SLD)(090MIL) DOLLARS and CENTS	LF	5,400.000	54
	666	2047		REFL PAV MRK TY I (W) 24"(SLD)(090MIL) DOLLARS and CENTS	LF	24.000	55
	666	2104		REFL PAV MRK TY I (Y) 4" (BRK)(090MIL) DOLLARS and CENTS	LF	170.000	56
	666	2110		REFL PAV MRK TY I (Y) 4" (SLD)(090MIL) DOLLARS and CENTS	LF	4,670.000	57
	666	2145		REF PAV MRK TY II (W) 4" (SLD) DOLLARS and CENTS	LF	5,400.000	58
	666	2157		REF PAV MRK TY II (W) 24" (SLD) DOLLARS and CENTS	LF	24.000	59
	666	2176		REF PAV MRK TY II (Y) 4" (BRK) DOLLARS and CENTS	LF	170.000	60
	666	2178		REF PAV MRK TY II (Y) 4" (SLD) DOLLARS and CENTS	LF	4,670.000	61
	672	2010		REFL PAV MRKR TY I-A DOLLARS and CENTS	EA	235.000	62
	672	2015		REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	68.000	63
	677	2001		ELIM EXT PAV MRK & MRKS (4") DOLLARS and CENTS	LF	7,106.000	64

PROJECT STP 2006(207)
COUNTY DENTON

PROPOSAL SHEET
TxDOT
FORM 234-B I-61-5M

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	678	2001		PAV SURF PREP FOR MRK (4") DOLLARS and CENTS	LF	9,140.000	65
	678	2006		PAV SURF PREP FOR MRK (24") DOLLARS and CENTS	LF	24.000	66
	6038	2001		PORTABLE CHANGEABLE MESSAGE SIGN DOLLARS and CENTS	DAY	30.000	67

GENERAL NOTES:

SW3P RESPONSIBILITIES

TxDOT Area of Responsibility

Responsible for the area defined by the limits of the subject project, except for those areas utilized and operated by the contractor. These areas include, though not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants.

TxDOT Operational Responsibility

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and operating the project within the requirements of the CGP for discharging storm water from the subject project and to notify MS4 permit holders of the intent to discharge storm water.

File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

Contractor Area of Responsibility

Responsible for all areas under their direct operational control which includes, though not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants. These areas may be located on or off the subject project's R.O.W.

Contractor Operational Responsibility

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and adhering to all requirements of the permit for discharging storm water from the areas under their operational control. Perform regular inspections, prepare a written report of deficiencies, and repair deficiencies within the time frame set forth by the permit. File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

Responsible under contractual obligations to TxDOT to install, clean, repair, replace or remove sediment and erosion control devices as indicated on TxDOT's Inspection Reports, or as required by daily construction practices, within the time frame set forth by the permit.

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Specification Data**Table 1: Soil Constants Requirements**

	Description	Plasticity Index		Note
		Max	Min	
132	EMBANKMENT (FINAL) (ORD COMP) (TY C)	30	10	1

Note 1: The above PI requirements do not apply to material excavated from the project. Do not use shale and obtain approval to incorporate shaley clay produced by the construction project.

Table 2: Basis of Estimate for Permanent Construction

Item	Description	Thickness	Rate		Quantity	
168	Vegetative Watering	N/A	240	Mg/Ac	1042	Mg
340	Hot Mix Asphalt (Ty B) Base	7.5"	825	LB/SY	5500	Ton
340	Hot Mix Asphalt (Ty B) Level up	2.5"	275	LB/SY	1700	Ton
340	Hot Mix Asphalt (Ty C) Surface	2.0"	220	LB/SY	1450	Ton
* For contractor's information only						
Note: (1) Asphalt weight based on 110 Lbs/Sy/inch						

General:

The construction, operation and maintenance of the proposed project will be consistent with the state implementation plan as prepared by the Texas Commission on Environmental Quality.

Submit an updated schedule when the construction falls 14 days behind the schedule submitted under Article 8.2.

The disturbed area for this project, as shown on the plans is seven (7) acres. However, **the Total Disturbed Area** (TDA) will establish the required authorization for storm water discharges. The TDA of this project will be determined by the sum of the disturbed area in all project locations in the contract, and all disturbed area on all Project-Specific Locations (PSL) located in the project limits and/or within 1 mile of the project limits. The department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction site as shown on the plans, according to the TDA of the project. The contractor will obtain any required authorization from the TCEQ for the discharge of storm water from any PSL for construction support activities on or off of the project row according to the TDA of the project. When the TDA for the project exceeds 1 acre, provide a copy of the

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appropriate application of permit (NOI, or Construction Site Notice) to the engineer, for any PSL located in the project limits or within 1 mile of the project limits. Follow the directives and adhere to all requirements set forth in the TCEQ, Texas Pollution Discharge Elimination System, Construction General Permit (TPDES, CGP).

Leave all right of way areas undisturbed until actual construction is to be performed in said areas.

Place survey monuments, provided by the department, at points indicated and as detailed in the plans or as directed. Furnish surface coordinates and the elevation of the set monument and an azimuth from the monument to some prominent physical feature, preferably another survey monument on the project. This work will not be paid for directly, but will be considered subsidiary to the various bid items.

This Project will be a Five-Day Workweek in accordance with Article 8.3.A.1., with the exception of the time to complete Phase IC, as described below.

Project Milestones

No.	Milestones	Daily RUC	Step	Begins	Ends	Duration(Days)
1	Phase 1C	\$2,000	1	Roadway closed	Roadway reopened to 2 lanes and Traffic open to Phase 2.	2

For the project to be deemed complete, permanently stabilize all unpaved disturbed areas of the project with a vegetative cover at a minimum of 70% density for the control of erosion.

Use established industry and utility safety practices to erect poles, luminaries, signs or structures near any overhead or underground utility. Consult with the appropriate utility company prior to beginning such work.

Attention is directed to the possible presence of underground utilities on the Right-Of-Way on this project. Call for locates at the TxDOT Utility section (214-320-6270) and 1-800-DIG-TESS (1-800-344-8377) 48 hours in advance of excavation.

Repair or replace any structures and utilities that might have been damaged by negligence or a failure to have utility locates performed.

Submit pre-letting questions by e-mail or fax to all the following:

E-mail: CLAUD P. ELSOM III: <celsom@dot.state.tx.us>
CHRIS W. BEHNKE: <cbehnke@dot.state.tx.us>
LINDA DILLON: <ldillon@dot.state.tx.us>

County: Denton

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Fax: (940) 383-2267.

The answers will be submitted in the same format that they are received. A file containing these questions and answers will be available for review at the area engineer's office located at **2624 W. Prairie Denton, Texas 76201**.

Item 100:

Remove and replace the existing roadway signs as shown on the plans, or as directed, during construction within the right of way.

The limits of preparing right of way will be measured from Sta. 115+00 to Sta. 142+00 along the centerline of construction.

Item 110:

Excavation for driveways, sleeper slabs, alleys and intersections will not be paid for directly, but will be considered subsidiary to this item.

Items 110,112 and 132:

Use an approved laboratory to perform tests for sulfate and plasticity index and provide results on sources outside the right of way at no additional expense to the department. Test soil for sulfate levels in accordance with Tex-145-E. Contact the engineer for a list of approved laboratories. Notify the engineer 72 hours before sampling and testing material. Perform split-sample verification testing with the engineer when directed. The engineer will sample and test material produced by the construction project for specification requirements or material sources specified in the plans.

Shale is not an acceptable material for embankment. Do not use shaley clays in embankment unless approved in writing.

Item 132:

Earth embankment Type C, is mainly composed of material other than shale. Furnish material that is free from vegetation or other objectionable material and that conforms to the requirements of Table 1 (Sheet A). If necessary, add lime slurry in accordance with Item 260, "Lime Treatment (Road-Mixed)" in order to meet these requirements. Use Tex-121-E, figure I, page 5 to calculate the amount of lime required. Furnish material that has soluble sulfate levels of 3000 ppm or less tested in accordance with Tex-145-E. Use an approved laboratory to perform tests for sulfate and plasticity index and provide results on sources outside the right of way to the department. Contact the engineer for a list of approved laboratories. Notify the engineer 48 hours before sampling and testing material. Perform split-sample verification testing with the engineer when directed. The engineer will sample and test material produced by the construction project for specification requirements or material sources specified in the plans. The

engineer will test material placed or excavated to a depth of one foot below and laterally to one foot outside the proposed treatment limit. Lime treatment and testing of this material will not be paid for directly, but will be considered subsidiary to this item.

Item 301:

Provide manufacturer's instruction for liquid antistripping agent.

Add the minimum percentage determined by the manufacturer and try subsequent trials at 0.25% increments, unless otherwise instructed by the manufacturer.

Item 310:

Do not use MC-30 on base courses placed between April 16 and September 15.

Item 320:

Material Transfer Device is required.

The use of windrow pick-up equipment is allowed except on the first coarse of roadway material placed over the subgrade.

Item 340:

Use aggregate that meets the Surface Aggregate Classification (SAC) requirement of Class B for surface course.

The use of Recycled Asphalt Pavement (RAP) is allowed.

Provide the Project Manager the opportunity to witness all mixture design tests. The Project Manager may require a retest if not given the opportunity to witness.

Dilution of tack is not allowed.

Provide mixture Type C Surface (PG binder 76-22), Type B level up (PG binder 76-22), and Type B Base (PG binder 64-22).

Item 351:

Saw existing asphalt along neat lines where portions are to be left in place temporarily or permanently. Sawing will not be paid for directly, but will be subsidiary to this item.

Place Type B ACP (64-22) at the full 7.5 inch depth.

Use SS-1 emulsified asphalt for tack coat.

Existing material removed from the roadway is the property of the contractor unless otherwise directed by the Engineer.

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Item 400:

Structural Excavation is not paid for directly but is considered subsidiary to pertinent Items.

Item 416:

Provide a smooth finish for all portions of drill shafts extending above proposed ground. Include cost for this work in the unit bid price for this item.

Provide a minimum of one core per bent, regardless of placement method.

Items 416 and 420:

Form columns to a point a minimum of one foot below the proposed future or existing bottom of channel elevation indicated on the bridge layouts by an acceptable method. This form work is not paid for directly, but is considered subsidiary to this item.

Item 420:

Apply an ordinary surface finish to all concrete surfaces within 30 days after form removal.

Provide bridge slab reinforcing steel with epoxy coating complying with Item 440 requirements.

Item 421:

Furnish mix designs to the Engineer in a format compatible to the latest version of the Department's Construction Management System (SiteManager). Mix Design templates will be provided by the Engineer.

Provide type II cement in Class "C" and "S" Concrete.

Strength evaluation using maturity testing, Tex-426-A, may be used for all concrete elements except drill shafts and mass concrete pours.

Maturity meters may be used for temperature gradient determination in mass concrete pours.

Provide compression testing equipment.

Items 422, 440:

Provide bridge slab reinforcing steel with epoxy coating complying with Item 440 requirements.

Item 427:

Ensure that surfaces are free of weak surface material, curing compounds and other surface contaminants prior to coating.

Item 428:

Provide a Class I surface treatment.

Do not treat the inside face of concrete rails.

Item 450:

Provide epoxy coated reinforcing steel that embeds into the bridge slab.

Item 496:

When demolishing a structure/s that span the Waters of Texas or a designated wetland, take all practicable precautions to prevent debris from being discharged into the water or within the boundaries of the wetland. Install Best Management Practices before demolition begins and maintain them during the demolition. Remove any debris or construction material that escapes containment devices and are discharged into the restricted areas, before the next rain event or within 24 hours of the discharge.

Item 502:

Lead and Trail vehicles will be required during striping and surfacing operations.

Provide written proposed lane closure information by 1:00 pm on the business day prior to the proposed closures. Do not close lanes for which this requirement has not been met.

When excavation is required next to a pavement lane carrying traffic and the widening is not completed by the end of the work day, backfill against the edge of the pavement with at least a 3:1 slope using an acceptable material to support vehicular traffic. Carefully remove and dispose of this material when work resumes. Backfilling pavement edges, and the materials required for the work will be subsidiary to this item.

Erect a Type III barricade immediately in front of or at each end of all stockpiles that are less than 30 feet from the edge of any traveled lane. Place one Type 2 Object Marker (OM-2Y) alongside the stockpile for every 100 feet of stockpile length.

County: Denton

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Highway: FM 1173

Place barricades and signs in locations that do not obstruct the sight distance of drivers entering the highway from driveways or side streets.

Do not commence work on the road before sunrise. Do not operate or park any equipment/machinery closer than 30 feet from the traveled roadway after sunset unless authorized.

When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.

Laydown operations for hot mix asphaltic concrete shall be performed in such a sequence that the center joint will be carried along without excess distance of uneven surface, not to exceed one day's operation.

Item 504:

For the Type "E" Field Office, provide a minimum of five hundred (500) square feet of gross floor area partitioned into a minimum of two rooms and furnished with doors, floor covering and a minimum of two windows in each room. Reinforce doors and windows with burglar bars or similar protection. The bathroom needs to be at least 6 ft X 7 ft with running water. Provide a storage closet a minimum of 3 ft x 3 ft with a secure lock. The building must have two exterior doors. Provide steps to these doors with hand railings. Provide two desks, one computer desk and a 4-drawer metal filing cabinet.

Provide one asphalt mix control laboratory (Type D) at each asphalt mixing plant used for this project. Meet the dimensional requirements specified for a Field Laboratory (Type A) for the Asphalt Mix Control Laboratory (Type D). Provide one (1) computer and one (1) printer with internet access at each plant used for this project. No direct compensation will be made for providing these items at the asphalt mixing plant(s).

Provide a 10 lb Type A, B, C fire extinguisher for each room of all facilities furnished under this item.

Provide an all weather parking area for state vehicles adjacent to the field office with a minimum size parking area of 60 ft X 40 ft and adequate security lighting. Enclose this parking area with a 6-ft high fence and provide a lockable vehicle gate. These items are not paid for directly and considered subsidiary.

The field office and required furnishings provided must be equivalent or better in quality to that utilized for the contractor's field office.

Provide a wage board that is of sufficient size for all required paperwork and all weather.

Maintain all field offices as directed by the engineer.

County: Denton

Control: 1059-01-034

Highway: FM 1173

Provide sealed bottled water, a bottled water cooler and disposable paper cups in each Lab and in the Field Office.

Provide telephone service at each field laboratory and office.

Provide one (1) desktop computers and one (1) printer at the field office and provide internet service using a digital subscriber line (DSL) or a cable connection.

Item 540:

Furnish one type of post throughout the project except as specifically noted in the plans.

Item 542:

Removed MBGF becomes the contractor's property. The work involved in hauling this material will not be paid for directly, but will be considered subsidiary to this item.

Item 585:

Use surface test Type A.

Item 666:

Provide Type III Glass Traffic Beads that meet the requirements of Departmental Materials Specifications DMS-8290.

CONTROL : 1059-01-034
PROJECT : STP 2006(207)
HIGHWAY : FM 1173
COUNTY : DENTON

TEXAS DEPARTMENT OF TRANSPORTATION

GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT
ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF
----- TRANSPORTATION JUNE 1, 2004.
STANDARD SPECIFICATIONS ARE INCORPORATED
INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS
ITEM 100 PREPARING RIGHT OF WAY (103)
ITEM 106 OBLITERATING ABANDONED ROAD
ITEM 110 EXCAVATION (132)
ITEM 132 EMBANKMENT (100) (204) (210) (216) (400)
ITEM 150 BLADING
ITEM 161 COMPOST (160)
ITEM 162 SODDING FOR EROSION CONTROL (166) (168)
ITEM 168 VEGETATIVE WATERING
ITEM 169 SOIL RETENTION BLANKETS
ITEM 192 LANDSCAPE PLANTING (161) (166)
ITEM 340 DENSE-GRADES HOT-MIX ASPHALT (METHOD) (210) (300) (301)
(320) (520) (585)
ITEM 351 FLEXIBLE PAVEMENT STRUCTURE REPAIR (132) (204) (247) (260)
(263) (275) (276) (292) (310) (316) (330) (340)
ITEM 403 TEMPORARY SPECIAL SHORING (423)
ITEM 416 DRILLED SHAFT FOUNDATIONS (420) (421) (440) (448)
ITEM 420 CONCRETE STRUCTURES (400) (404) (421) (426) (427) (438) (440)
(441) (448)
ITEM 422 REINFORCED CONCRETE SLAB (420) (421) (424) (426) (430) (440)
ITEM 425 PRECAST PRESTRESSED CONCRETE STRUCTURAL MEMBERS (420)
(421) (424) (426) (427) (434) (440) (442)
ITEM 428 CONCRETE SURFACE TREATMENT (427)
ITEM 432 RIPRAP (247) (420) (421) (427) (431) (440)
ITEM 450 RAILING (420) (421) (424) (440) (441) (442) (445) (446) (448)
(540)
ITEM 454 BRIDGE EXPANSION JOINTS (429) (442)
ITEM 462 CONCRETE BOX CULVERTS AND STORM DRAINS (400) (420) (421)
(424) (440) (464)
ITEM 464 REINFORCED CONCRETE PIPE (400)

ITEM 466 HEADWALLS AND WINGWALLS (400)(420)(421)(440)
 ITEM 467 SAFETY END TREATMENT (400)(420)(421)(432)(440)(445)(464)
 ITEM 496 REMOVING STRUCTURES
 ITEM 500 MOBILIZATION
 ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
 ITEM 504 FIELD OFFICE AND LABORATORY
 ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL
 CONTROLS
 ITEM 540 METAL BEAM GUARD FENCE (421)(445)(529)(542)(544)
 ITEM 542 REMOVING METAL BEAM GUARD FENCE
 ITEM 544 GUARDRAIL END TREATMENTS
 ITEM 560 MAILBOX ASSEMBLIES
 ITEM 644 SMALL ROADSIDE SIGN SUPPORTS AND ASSEMBLIES (421)(440)
 (441)(442)(445)(634)(636)(643)(656)
 ITEM 658 DELINEATOR AND OBJECT MARKER ASSEMBLIES (445)
 ITEM 662 WORK ZONE PAVEMENT MARKINGS (666)(668)(672)(677)
 ITEM 666 REFLECTORIZED PAVEMENT MARKINGS (316)(318)(662)(677)(678)
 ITEM 672 RAISED PAVEMENT MARKERS (677)(678)
 ITEM 677 ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS (300)
 (302)(316)
 ITEM 678 PAVEMENT SURFACE PREPARATION FOR MARKINGS (677)

SPECIAL PROVISIONS: SPECIAL PROVISIONS WILL GOVERN AND TAKE
 ----- PRECEDENCE OVER THE SPECIFICATIONS ENUMERATED
 HEREON WHEREVER IN CONFLICT THEREWITH.

REQUIRED CONTRACT PROVISIONS, FEDERAL-AID CONSTRUCTION CONTRACTS
 (FORM FHWA 1273, DECEMBER, 1993)

WAGE RATES

SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000---275)
 SPECIAL PROVISION "PARTNERING" (000---002)
 SPECIAL PROVISION "NOTICE TO ALL BIDDERS" (000---003)
 SPECIAL PROVISION "NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO
 ENSURE EQUAL EMPLOYMENT OPPORTUNITY" (000---004)
 SPECIAL PROVISION "DISADVANTAGED BUSINESS ENTERPRISE IN FEDERAL-
 AID CONSTRUCTION" (000---005)
 SPECIAL PROVISION "STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY
 CONSTRUCTION CONTRACT SPECIFICATIONS" (000---006)
 SPECIAL PROVISION "OPTIONAL TRAINING" (000---008)
 SPECIAL PROVISION "CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT"
 (000---009)
 SPECIAL PROVISION "DEPARTMENT DIVISION MAILING AND PHYSICAL ADDRESS"
 (000---011)
 SPECIAL PROVISION "IMPORTANT NOTICE TO CONTRACTORS" (000---408)
 SPECIAL PROVISION TO ITEM 5 (005---001)
 SPECIAL PROVISIONS TO ITEM 6 (006---003)(006---018)
 SPECIAL PROVISIONS TO ITEM 8 (008---004)(008---009)
 SPECIAL PROVISION TO ITEM 9 (009---004)
 SPECIAL PROVISION TO ITEM 400 (400---004)
 SPECIAL PROVISION TO ITEM 416 (416---001)
 SPECIAL PROVISION TO ITEM 420 (420---003)
 SPECIAL PROVISION TO ITEM 440 (440---001)

SPECIAL PROVISION TO ITEM 441 (441---001)
SPECIAL PROVISION TO ITEM 442 (442---005)
SPECIAL PROVISION TO ITEM 544 (544---001)

SPECIAL SPECIFICATIONS:

ITEM 5018 INCENTIVE FOR USING NON-ROAD DIESEL EQUIPMENT POWERED BY
EPA TIER 1, 2, OR 3 DIESEL ENGINES IN NONATTAINMENT AND
AFFECTED COUNTIES

ITEM 6038 PORTABLE CHANGEABLE MESSAGE SIGN

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH
----- PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER
PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-
LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL
PROVISIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFI-
CATIONS FOR THIS PROJECT.